INDEX

Akylas, T. R. *See* Prasad & Akylas

Antonia, R. A. *See* Leonardi, Orlandi, Smalley, Djenidi & Antonia

Bahloul, A., Boutana, N. & Vasseur, P. Double-diffusive and Soret-induced convection in a shallow horizontal porous layer, 325–352

Basdevant, C. *See* Couplet, Sagaut & Basdevant

Ben Jelloul, M. *See* Zeitlin, Reznik & Ben Jelloul

Boutana, N. *See* Bahloul, Boutana & Vasseur

Class, A. G., Matkowsky, B. J. & Klimenko, A. Y. A unified model of flames as gasdynamic discontinuities, 11–49

Class, A. G., Matkowsky, B. J. & Klimenko, A. Y. Stability of planar flames as gasdynamic discontinuities, 51–63

Couplet, M., Sagaut, P. & Basdevant, C. Intermodal energy transfers in proper orthogonal decomposition–Galerkin representation of a turbulent separated flow, 275–284

Djenidi, L. *See* Leonardi, Orlandi, Smalley, Djenidi & Antonia

Dunn, D. C. & Morrison, J. F. Anisotropy and energy flux in wall turbulence, 353–378

Elavarasan, R. *See* Krothapalli, Venkatakrishnan, Lourenco, Greska & Elavarasan

Fedorov, A. V. Receptivity of a high-speed boundary layer to acoustic disturbances, 101–129

Fernando, H. J. S. *See* Hunt, Vrieling, Nieuwstadt & Fernando

Ghosal, S. The effect of wall interactions in capillary-zone electrophoresis, 285–300

Gray, J. M. N. T., Tai, Y.-C. & Noelle, S. Shock waves, dead zones and particle-free regions in rapid granular free-surface flows, 161–181

Greska, B. *See* Krothapalli, Venkatakrishnan, Lourenco, Greska & Elavarasan

Horiuti, K. Roles of non-aligned eigenvectors of strain-rate and subgrid-scale stress tensors in turbulence generation, 65–100

Hunt, J. C. R., Vrieling, A. J., Nieuwstadt, F. T. M. & Fernando, H. J. S. The influence of the thermal diffusivity of the lower boundary on eddy motion in convection, 183–205

Jamali, M., Lawrence, G. A. & Seymour, B. A note on the resonant interaction between a surface wave and two interfacial waves, 1–9

Klimenko, A. Y. *See* Class, Matkowsky & Klimenko

Krothapalli, A., Venkatakrishnan, L., Lourenco, L., Greska, B. & Elavarasan, R. Turbulence and noise suppression of a high-speed jet by water injection, 131–159

Kurdyumov, V., Sánchez, A. L. & Liñán, A. Heat propagation from a concentrated external energy source in a gas, 379–410

Lawrence, G. A. *See* Jamali, Lawrence & Seymour

Leonardi, S., Orlandi, P., Smalley, R. J., Djenidi, L. & Antonia, R. A. Direct numerical simulations of turbulent channel flow with transverse square bars on one wall, 229–238

Liñán, A. *See* Kurdyumov, Sánchez & Liñán

Lourenco, L. *See* Krothapalli, Venkatakrishnan, Lourenco, Greska & Elavarasan

Matkowsky, B. J. *See* Class, Matkowsky & Klimenko

Morrison, J. F. *See* Dunn & Morrison

Nieuwstadt, F. T. M. *See* Hunt, Vrieling, Nieuwstadt & Fernando

Noelle, S. *See* Gray, Tai & Noelle

Orlandi, P. *See* Leonardi, Orlandi, Smalley, Djenidi & Antonia

Prasad, D. & Akylas, T. R. Wave trapping and upstream influence in stratified flow of large depth. 301–324

Reznik, G. M. *See* Zeitlin, Reznik & Ben Jelloul

Sagaut, P. *See* Couplet, Sagaut & Basdevant

Sánchez, A. L. *See* Kurdyumov, Sánchez & Liñán

Schwabe, D. *See* Sim, Zebib & Schwabe

Schwabe, D., Zebib, A. & Sim, B.-C. Oscillatory thermocapillary convection in open cylindrical annuli. Part 1. Experiments under microgravity. 239–258

Seymour, B. *See* Jamali, Lawrence & Seymour

Sim, B.-C. *See* Schwabe, Zebib & Sim

Sim, B.-C., Zebib, A. & Schwabe, D. Oscillatory thermocapillary convection in open cylindrical annuli. Part 2. Simulations. 259–274

Smalley, R. J. *See* Leonardi, Orlandi, Smalley, Djenidi & Antonia

Tai, Y.-C. *See* Gray, Tai & Noelle

Vasseur, P. *See* Bahloul, Boutana & Vasseur

Venkatakrishnan, L. *See* Krothapalli, Venkatakrishnan, Lourenco, Greska & Elavarasan

Vrieling, A. J. *See* Hunt, Vrieling, Nieuwstadt & Fernando

Zebib, A. *See* Schwabe, Zebib & Sim; Sim, Zebib & Schwabe

Zeitlin, V., Reznik, G. M. & Ben Jelloul, M. Nonlinear theory of geostrophic adjustment. Part 2. Two-layer and continuously stratified primitive equations. 207–228